

## INTERNATIONAL SEARCH REPORT

Internat App n No

PCT/IB 03/04940

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LIU T ET AL: "A negative feedback based substrate coupling noise reduction method" ASIC/SOC CONFERENCE, 1999. PROCEEDINGS. TWELFTH ANNUAL IEEE INTERNATIONAL WASHINGTON, DC, USA 15-18 SEPT. 1999, PISCATAWAY, NJ, USA, IEEE, US, 15 September 1999 (1999-09-15), pages 49-53, XP010360335 ISBN: 0-7803-5632-2 page 49, right-hand column, line 16 -page 51, left-hand column, line 14; figures 1-4 --- -/--	1,3

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

30 January 2004

Date of mailing of the international search report

06/02/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHAN H H Y ET AL: "Substrate coupled noise reduction and active noise suppression circuits for mixed-signal system-on-a-chip designs" PROCEEDINGS OF THE 44TH. IEEE 2001 MIDWEST SYMPOSIUM ON CIRCUITS AND SYSTEMS. MWSCAS 2001. DAYTON, OH, AUG. 14 - 17, 2001, MIDWEST SYMPOSIUM ON CIRCUITS AND SYSTEMS, NEW YORK, NY: IEEE, US, vol. 1 OF 2, 14 August 2001 (2001-08-14), pages 154-157, XP010579398 ISBN: 0-7803-7150-X page 155, right-hand column, line 25 - line 50; figures 1,2	1,3
A	US 5 832 370 A (CHAMBERS MARK J ET AL) 3 November 1998 (1998-11-03) column 2, line 10 -column 3, line 76; figures 2,4	1
A	US 6 040 728 A (KOULLIAS ICONOMOS A ET AL) 21 March 2000 (2000-03-21) cited in the application abstract; claims 1,2; figures 1,2	1
A	US 3 816 762 A (HOLT J) 11 June 1974 (1974-06-11) abstract; claim 1; figures 1-4	1

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Information on patent family members

International Ap on No  
PCT/IB 03/04940

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5832370	A	03-11-1998	NONE
US 6040728	A	21-03-2000	NONE
US 3816762	A	11-06-1974	JP 49102215 A 27-09-1974
		JP 56050455 B	28-11-1981